

AERONAUTICAL CHARTING FORUM
Instrument Procedures Group
Meeting 04-01 – April 28-29, 2004
History Record

FAA Control # 04-01-254

Subject: DME/DME RNP 0.3 Procedural Notes

Background/Discussion: For U.S. FAA SIAPs for RNAV and RNP procedures, the wording of procedural notes for DME/DME updating is too restrictive. Currently, these procedural notes read “DME/DME RNP 0.3 not authorized.”

RNP capability using DME/DME updating depends on the location, availability and reception of DME stations. Based on varying aircraft equipment and navigation capabilities, some operators may be able to successfully demonstrate the ability to fly these RNAV and RNP procedures using DME/DME updating, on a case-by-case basis.

Recommendations: The ATA FMS/RNAV Task Force and the ATA Chart & Data Display Committee both recommend the FAA modify these DME/DME procedural notes on RNAV and RNP procedure sources to appropriately read “Use of DME/DME RNP 0.3 requires specific operator authorization.”

Modifying the wording of notes for DME/DME updating would clarify the requirement without unduly restricting RNP capabilities for all operators, thereby unintentionally denying use of the RNAV or RNP procedures by some operators who are adequately equipped.

Comments: The subject was originally presented to the ATA FMS/RNAV Task Force by the Boeing Company. The Task Force's Chart & Database Compatibility Subcommittee reviewed the proposal, and coordinated with the ATA's Chart & Data Display Committee. The recommendation was endorsed by both the FMS/RNAV TF and the CDDC, to be carried forward for presentation to the FAA for consideration.

Submitted by: Ted Thompson - on behalf of the Air Transport Association's
FMS/RNAV Task Force and Chart & Data Display Committees

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Initial Discussion – Meeting 04-01: Ted Thompson, Jeppesen, presented this issue on behalf of the Air Transport Association (ATA) FMS/RNAV Task Force and Chart & Data Display Committee (CDDC). ATA is concerned that the wording of procedural notes for DME/DME updating is too restrictive. Currently, these procedural notes read “DME/DME RNP 0.3 not authorized”. ATA recommends the FAA modify these DME/DME procedural notes on RNAV and RNP procedure sources to appropriately read “Use of DME/DME RNP 0.3 requires specific operator authorization”. Brad Rush, AVN-101, stated that the notes are

added as a result of flight inspection results. If operators desire, they can request a Special IAP. Discussion revealed that the RNP steering committee as well as a FAA DME/DME Implementation Team (DDIT) under ATP-500 is looking at the issue. The ACF will address charting issues once all technological issues are resolved. The group consensus was to close the issue pending the results of ongoing studies. [Issue Closed](#).
